

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7: Wiota-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
11B: Colo-----	50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell Slope	1.00 1.00 0.50 0.01
Ely-----	30	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
41: Sparta-----	100	Not limited		Not limited		Not limited	
41B: Sparta-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
41C: Sparta-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
41D: Sparta-----	100	Very limited Slope	0.96	Very limited Slope	0.96	Very limited Slope	1.00
43: Bremer-----	95	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
54: Zook-----	100	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
63B: Chelsea-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
63C: Chelsea-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
63E: Chelsea-----	95	Very limited Slope	0.96	Very limited Slope	0.96	Very limited Slope	1.00
65D2: Lindley-----	95	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
65E2: Lindley-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
65F: Lindley-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
65F2: Lindley-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
75: Givin-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
76B: Ladoga-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Shrink-swell Slope	0.50 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
76C2: Ladoga-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Slope Shrink-swell	0.86 0.50
76D2: Ladoga-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.15	Very limited Slope Shrink-swell	1.00 0.50
80B: Clinton-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Shrink-swell Slope	0.50 0.01
80C: Clinton-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Slope Shrink-swell	0.86 0.50
80C2: Clinton-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Slope Shrink-swell	0.86 0.50
80D: Clinton-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.15	Very limited Slope Shrink-swell	1.00 0.50
80D2: Clinton-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.15	Very limited Slope Shrink-swell	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
80D3: Clinton-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.15	Very limited Slope Shrink-swell	1.00 0.50
83B: Kenyon-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
83C2: Kenyon-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86
88: Nevin-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
110B: Lamont-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
110C: Lamont-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
110E: Lamont-----	100	Very limited Slope	0.96	Very limited Slope	0.96	Very limited Slope	1.00
118: Garwin-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
119: Muscatine-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50

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Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
119B: Muscatine-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
120B: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
120C: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
120C2: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
120D2: Tama-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
122: Sperry-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
133: Colo-----	100	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
133+: Colo-----	95	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
135: Coland-----	95	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
140: Sparta-----	100	Not limited		Not limited		Not limited	
141: Watseka-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
152: Marshan-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
160: Walford-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
161: Walford-----	60	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
Atterberry-----	30	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
162B: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
162C: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
162C2: Downs-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
162D2: Downs-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
163B: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
163C: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
163C2: Fayette-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
163D: Fayette-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
163D2: Fayette-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
163D3: Fayette-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
163E: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
163E2: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
163E3: Fayette-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
163F: Fayette-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
163F2: Fayette-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
163G: Fayette-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
165: Stronghurst-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
171B: Bassett-----	100	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.01
171C2: Bassett-----	95	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.86
171D2: Bassett-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
171D3: Basset-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Very limited Slope	1.00
173: Hoopeston-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
174B: Bolan-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
175: Dickinson-----	100	Not limited		Not limited		Not limited	
175B: Dickinson-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
175C: Dickinson-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
178: Waukee-----	100	Not limited		Not limited		Not limited	
179D2: Gara-----	95	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
179E2: Gara-----	95	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
184: Klinger-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone	0.95	Somewhat limited Shrink-swell	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
220: Nodaway-----	92	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
226: Lawler-----	95	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
279: Taintor-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
280: Mahaska-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
281B: Otley-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Shrink-swell Slope	0.50 0.01
281C2: Otley-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Slope Shrink-swell	0.86 0.50
281D2: Otley-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.15	Very limited Slope Shrink-swell	1.00 0.50
284: Flagler-----	100	Not limited		Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
285C: Burkhardt-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
291: Atterberry-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
291B: Atterberry-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone Slope	0.39 0.01
293C: Chelsea-----	45	Not limited		Not limited		Somewhat limited Slope	0.86
Lamont-----	35	Not limited		Not limited		Somewhat limited Slope	0.86
Fayette-----	20	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
293C2: Chelsea-----	45	Not limited		Not limited		Somewhat limited Slope	0.86
Lamont-----	35	Not limited		Not limited		Somewhat limited Slope	0.86
Fayette-----	20	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
293D: Chelsea-----	45	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Lamont-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Fayette-----	20	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
293D2:							
Chelsea-----	45	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Lamont-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Fayette-----	20	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
293E:							
Chelsea-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Fayette-----	20	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
293E2:							
Chelsea-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Fayette-----	20	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
293F:							
Chelsea-----	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Fayette-----	20	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
293G:							
Chelsea-----	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lamont-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Fayette-----	20	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
320: Arenzville-----	95	Very limited Flooding	1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.35	Very limited Flooding	1.00
350B: Waukegan-----	100	Not limited		Not limited		Not limited	
352B: Whittier-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell Slope	0.50 0.01
352C2: Whittier-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.86 0.50
377B: Dinsdale-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.16	Somewhat limited Shrink-swell Slope	0.50 0.01
377C2: Dinsdale-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
382: Maxfield-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
420B: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
422: Amana-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.95 0.50	Very limited Flooding Shrink-swell	1.00 0.50
428B: Ely-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
430: Ackmore-----	95	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39
442B: Tama-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
Dickinson-----	30	Not limited		Not limited		Somewhat limited Slope	0.01
442C2: Tama-----	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
Dickinson-----	30	Not limited		Not limited		Somewhat limited Slope	0.86
442D2: Tama-----	50	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dickinson-----	30	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
453: Tuskeego-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
484: Lawson-----	95	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.39
485: Spillville-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
520: Coppock-----	95	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39
539: Perks-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
621: Houghton-----	100	Very limited Subsidence Depth to saturated zone Content of organic matter	1.00 1.00 1.00	Very limited Subsidence Depth to saturated zone Content of organic matter	1.00 1.00 1.00	Very limited Subsidence Depth to saturated zone Content of organic matter	1.00 1.00 1.00
687: Watkins-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell	0.50

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
687B: Watkins-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.01
688: Koszta-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50
727: Udolpho-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
729B: Nodaway-----	50	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Arenzville-----	40	Very limited Flooding	1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.35	Very limited Flooding	1.00
760: Ansgar-----	95	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
761: Franklin-----	90	Not limited		Very limited Depth to saturated zone	0.95	Not limited	
771B: Waubeek-----	95	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.16	Somewhat limited Shrink-swell Slope	0.50 0.01

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
771C2: Waubeek-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
778: Sattre-----	95	Not limited		Not limited		Not limited	
778B: Sattre-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
792D2: Armstrong-----	100	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00 0.63 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.39
793: Bertrand-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
826: Rowley-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
876B: Ladoga-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.15	Somewhat limited Shrink-swell Slope	0.50 0.01
920: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
920B: Tama-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
962: Elvira-----	95	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00
974B: Bolan-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
976: Raddle-----	100	Not limited		Not limited		Not limited	
993D2: Gara-----	60	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
Armstrong-----	40	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00 0.63 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.39
993E2: Gara-----	60	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
Armstrong-----	40	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.39	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.39
1119: Muscatine-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1160: Walford-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
1220: Nodaway-----	92	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
1280: Mahaska-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell	0.50
1291: Atterberry-----	95	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
1315: Perks-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Spillville-----	30	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
1316: Fluvaquents-----	100	Not rated		Not rated		Not rated	
1484: Lawson-----	92	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1485: Spillville-----	92	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
2422: Amana-----	30	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.95 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Lawson-----	30	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.39
Perks-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
5010: Pits-----	100	Not rated		Not rated		Not rated	
5030: Pits-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated		Not rated	
INT: Intermittent Water--	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated		Not rated	

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Not rated		Not rated		Not rated	